

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

- 1 1. (currently amended) A controlled display system comprising:
2 a video display;
3 a video controller coupled to said video display and being responsive to an input;
4 a remote unit;
5 a pointing device, mounted on said remote unit, said pointing device being
6 capable of generating a signal corresponding to motion by an operator on said pointing device in
7 two directions and providing said signal corresponding to said motion to said input, wherein said
8 motion by an operator on said pointing device correlates with a cursor movement in said video
9 display, said two directions including a first direction and a second direction;
10 said video controller being configured to display a menu, and to select among
11 ~~items~~ functions on said menu in response to a signal generated which corresponds to motion by
12 the operator on said pointing device in the first direction, and to select ~~an aspect of a selected~~
13 ~~menu item~~ vary a value of a selected function in response to a signal generated which
14 corresponds to motion by the operator on said pointing device in the second direction.
- 1 2. (original) The system of claim 1 wherein motion in said first direction
2 indicates function, and motion in said second direction indicates value.
- 1 3. (original) The system of claim 2 wherein deactivation of said pointing device
2 selects a value for a selected function.
- 1 4. (original) The system of claim 1 further comprising:
2 a pointing surface on said pointing device;
3 means, connected to said pointing surface, for detecting contact with said pointing
4 surface and, responsive thereto, sending an activation signal to said video controller; and

5 said video controller being configured to display said menu in response to said
6 activation signal.

1 5. (original) The system of claim 1 wherein said pointing device is a touchpad.

1 6. (original) The system of claim 5 further comprising means for detecting a tap
2 on said touchpad, and sending an additional control signal in response to said tap.

1 7. (original) The system of claim 1 wherein said menu items include volume and
2 channel.

1 8. (original) The system of claim 1 wherein:
2 said menu items are vertically arranged on said display; and
3 selection of a menu item activates a horizontal display corresponding to values of
4 the selected menu item.

1 9. (original) The system of claim 1 wherein said pointing device is mounted in a
2 remote control unit, and further comprising:
3 a wireless transmitter mounted in said remote control unit; and
4 a wireless receiver coupled to said video controller.

1 10. (currently amended) A remote control and display system comprising:
2 a video monitor including
3 a video display;
4 a video controller coupled to said video display and being responsive to an
5 input; and
6 a wireless receiver coupled to said video controller;
7 a remote control unit including
8 a pointing device, capable of generating a signal corresponding to motion
9 by an operator on said pointing device in two directions and providing said signal
10 corresponding to said motion to said input, said two directions including a first direction

11 and a second direction, wherein said motion by an operator on said pointing device
12 correlates with a cursor movement in said video display; and
13 a wireless transmitter mounted in said remote control unit;
14 said video controller being configured to display a menu, and to select among
15 functions on said menu in response to a signal generated which corresponds to motion by the
16 operator in the first direction, and to ~~select~~ vary a value of a selected function in response to a
17 signal generated which corresponds to motion by the operator in the second direction, wherein
18 said motion in the first direction is a movement by the operator on said pointing device and said
19 motion in the second direction is another movement by the operator on said pointing device.

1 11. (currently amended) A remote control and display system comprising:
2 a video monitor including
3 a video display;
4 a video controller coupled to said video display and being responsive to an
5 input; and
6 a wireless receiver coupled to said video controller;
7 a remote control unit including
8 a touchpad, capable of generating a signal corresponding to motion by an
9 operator relative to said pointing device in two directions and providing said signal
10 corresponding to said motion to said input, said two directions including a substantially
11 vertical direction and a substantially horizontal direction, wherein said motion by an
12 operator relative to said touchpad correlates with a cursor movement in said video
13 display; and
14 a wireless transmitter mounted in said remote control unit;
15 said video controller being configured to display a menu, and to
16 select among functions on said menu in response to a user input to said
17 touchpad in the substantially vertical direction, causing a horizontal value display for a
18 selected function to be activated,

19 and to move an indicator horizontally along said horizontal value display
20 in response to a user input to said touchpad in the substantially horizontal direction to
21 vary a value of said selected function.
22 and to select a currently indicated value upon termination of contact with
23 said touchpad by a user.

1 12. (previously presented) The system of claim 1, wherein the motion by the
2 operator on the pointing device includes motion by the operator relative to a pointing surface of
3 the pointing device.

1 13. (previously presented) The system of claim 1, wherein the motion by the
2 operator on the pointing device comprises sliding motion on the pointing device.

1 14. (previously presented) The system of claim 10, wherein the motion by the
2 operator on the pointing device includes motion by the operator relative to a pointing surface of
3 the pointing device.

1 15. (previously presented) The system of claim 10, wherein the motion by the
2 operator on the pointing device comprises sliding motion on the pointing device.

1 16 - 23. (canceled)

2 24. (currently amended) A controlled display system comprising:
3 a video display;
4 a video controller coupled to said video display and being responsive to an input;
5 a remote unit;
6 a pointing device, mounted on said remote unit, said pointing device being
7 capable of generating a signal corresponding to motion by an operator on said pointing device in
8 two directions and providing said signal corresponding to said motion to said input, wherein said
9 motion by an operator on said pointing device correlates with a cursor movement in said video
10 display, said two directions including a first direction and a second direction;

said video controller being configured to display a menu, said menu including at least one of volume and channel, and to select among items on said menu in response to a signal generated which corresponds to motion by the operator on said pointing device in the first direction, and to ~~select an aspect~~ vary a value of a selected menu item in response to a signal generated which corresponds to motion by the operator on said pointing device in the second direction, said aspect including at least one of channel number and amount of volume.

25. (new) A controlled display system comprising:
a video display;
a video controller coupled to said video display and being responsive to a video controller input;
a remote unit capable of generating a signal corresponding to motion by an operator in two directions and transmitting said signal to said video controller input, wherein said motion by an operator correlates with a cursor movement in said video display, said two directions including a first direction and a second direction;
said video controller being configured to display a menu, and to select among functions on said menu in response to a first signal received at said video controller input which corresponds to motion by the operator in the first direction, and to vary a value of a selected function in response to a second signal received at said video controller input which corresponds to motion by the operator in the second direction.

26. (new) The system of claim 25 wherein said remote control further comprises:
a pointing device, mounted on said remote unit, said pointing device being capable of generating said signal corresponding to motion by an operator, said motion being motion by said operator on said pointing device in two directions.

27. (new) A remote control comprising:
a controller capable of generating a signal corresponding to motion by an operator in two directions and transmitting a control signal corresponding to said motion, said two directions including a first direction and a second direction;

wherein said control signal controls a function including at least one of a volume and a channel on a receiving device;

wherein said control signal varies a value of said function in response to motion by the operator in one of said first and second directions.

28. (new) The remote control of claim 27 wherein said remote control further comprises:

a pointing device, mounted on said remote unit, said pointing device being capable of generating said signal corresponding to motion by an operator, said motion being motion by said operator on said pointing device in two directions.

29. (new) A method for generating control signals to a receiving device having a display, comprising:

generating a control signal corresponding to motion by an operator in two directions, said two directions including a first direction and a second direction;

transmitting said control signal corresponding to said motion to said receiving device;

controlling, in response to said control signal, a function including at least one of a volume and a channel on said receiving device; and

varying a value of said function in response to motion by the operator in one of said first and second directions.